Depth 6	Contents 7	Reference to last Measurement 8

First & Final Bill

SBR No - 304/14-15 dt: 28-2-15

BR-463 | 28-2-15

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192653

Serial No.....

Name of work..~~Improvements~~ to Roads, Drains and covering Slab at G. Krishna ~~Layout in Ward no-10~~ From ~~Muttahalli~~ To (Doddabommasandra),

Name of Contractor of nature of Agency..~~Sri.~~ Taramath K.R.

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work Code No;	010-15-000046.					
	Agreement No;	189 Dated 7-01-2015.					
	Work order No;	EE/BTP/BBMP/E-PMT/189/2014-15, Date 7-01-2015.					
	Address of Agency;	#713, Near Govt School Kodigehalli Sahakar nagar Bangalore.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurements Recorded on 07-01-2015						
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods etc						
	Ashwath Katte Road Chamundeshwari Layout. (left Side)	L	30.00	1.00	0.90 =	27.00 Cum	
		L	30.00	1.00	0.90 =	27.00 Cum	
		L	30.00	1.00	1.00 =	30.00 Cum	
		L	30.00	1.00	1.00 =	30.00 Cum	
		L	25.10	1.00	1.00 =	25.10 Cum	
					Total =	139.10 Cum	
		Qty limited to			Tender =	136.80 Cum	
		@ RS 103.16				RS 14112.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	2) Providing and layi with OPC cement @ metal coarse aggreg machine mixed, con well compacted, in materials, Labour, t Specifications. Ashwath Katte Road, Chamundeshwa -ri Layout (left Side)

Depth 6	Contents 7	Reference to last Measurement 8
ools		
s in hard soil involving		
eters and an average lift		
nd sides neatly dressed		
y after breaking of clods		
0.90 = 27.00 cum		
0.90 = 27.00 cum		
1.00 = 30.00 cum		
1.00 = 30.00 cum		
1.00 = 25.10 cum		
Total = 139.10 cum		
Tender = 136.80 cum		
	RS 14112.00	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192654

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	2) providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications.						
	Ashwath Katte	1	30.00	1.00	0.15	= 4.50 cum	
	Road, Chamundeshwa	1	30.00	1.00	0.15	= 4.50 cum	
	-ri Layout (Left Side)	1	30.00	1.00	0.15	= 4.50 cum	
		1	30.00	1.00	0.15	= 4.50 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	25.10	1.00	0.20 =	5.02 cum	
					Total =	23.02 cum	
		Qty limited to Tender =				22.80 cum	
		@ Rs 4724.41				Rs	107717-00
3)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness including attached pilasters, buttresses, plinth and string courses cost of all materials labour etc complete as per specifications.						
	Ashwath Katte Road	4	30.00		0.75 =	90.00 Sqm	
	Chamundeshwari Lyt	4	30.00		0.60 =	72.00 Sqm	
	(Left Side)	4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	25.10		0.60 =	60.24 Sqm	
					Total =	366.24 Sqm	

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

Date	Full description, etc, of work
1	2
4)	providing and lay... mix M20 with OPC granite metal coars... cum with Superpl... exceeding 15cms ... and ground floor ... walls including ... posts including

Depth 6	Contents 7	Reference to last Measurement 8
.20 =	5.02 cum	
Total =	23.02 cum	
=	22.80 cum	
	Rs	107717-00

Shuttering, propping etc. all such walls at any floor levels, plinth and string complete as per specifications.

.75 =	90.00 Sqm	
60 =	72.00 Sqm	
60 =	72.00 Sqm	
60 =	72.00 Sqm	
60 =	60.24 Sqm	
Total =	366.24 Sqm	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192655

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty limited to Tender @ Rs 285.27				= 364.80 Sqm	Rs 104066.00
	u) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with Superplastisier, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor for roof slabs, staircase, lintels retaining walls, retaining walls including attached plasters, columns, piers abutments, pillars posts including cost of all materials.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ashwath Katte Road Chamundeshwari Layout	1	30.00	1.00	0.15	= 4.50 Cum	
		1	30.00	1.00	0.15	= 4.50 Cum	
		1	30.00	1.00	0.15	= 4.50 Cum	
		1	30.00	1.00	0.15	= 4.50 Cum	
		1	25.10	1.00	0.15	= 3.77 Cum	
	Side walls	2	30.00	0.15	0.50	= 4.50 Cum	
		2	30.00	0.16	0.55	= 5.28 Cum	
		2	30.00	0.20	0.55	= 6.60 Cum	
		2	25.10	0.15	0.52	= 3.92 Cum	
		2	30.00	0.18	0.55	= 5.94 Cum	
					Total =	48.00 Cum	
						= 47.88 Cum	
						Rs 283058.00	

C&FC

28/12/2015

Qty limited to Tender

@ Rs 5911.82

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

5) Providing mild steel reinforced for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or

---

M

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	welding wherever re... to the adjoining mem... wastage shall not be...
	Qty vide Page N... of this M.B No ...
6)	Providing granite sl... fixed in cement mo... complete as per SA...

Depth 6	Contents 7	Reference to last Measurement 8
0.15 =	4.50 Cum	
.15 =	4.50 Cum	
0.15 =	4.50 Cum	
0.15 =	4.50 Cum	
0.18 =	3.77 Cum	
0.50 =	4.50 Cum	
0.55 =	5.28 Cum	
0.55 =	6.60 Cum	
0.52 =	3.92 Cum	
0.55 =	5.94 Cum	
Total =	48.00 Cum	
er =	47.88 Cum	
	Rs 283058.00	
work	including staraigten	
ation,	lapping and/or	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 192656

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, wastage shall not be measured and paid). cost of materials.						
	Qty vide page No 192692 of this M.B No 1927.					= 28.730 MT	
						@ Rs 7774.12	Rs 223350.00
6)	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and direction of engineer.						

28/3/2015

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Covering Slab	1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	25.10		0.90 =	22.59 Sqm	
		1	7.00		0.90 =	6.30 Sqm	
					Total =	136.89 Sqm	
					Qty limited to Tender =	136.80 Sqm	
			@ Rs 626.34			Rs 85683.00	
	7) providing chamfering edges to Stone Slab 2.5cms. wide as per Specifications. Only chamfered length shall be recorded) etc complete as per Specifications and directions of engineer in charge						
		254	3.00			= 762.00 mtr	
			@ Rs 31.68			Rs 24064.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	8) Providing two lon masonary etc. co engineer in charg covering slab

Depth 6	Contents 7	Reference to last Measurement 8
0.90 =	27.00 Sqm	
0.90 =	27.00 Sqm	
0.90 =	27.00 Sqm	
0.90 =	27.00 Sqm	
0.90 =	22.59 Sqm	
0.90 =	6.30 Sqm	
Total =	136.89 Sqm	
der =	136.80 Sqm	
	Rs 85683.00	

2 Scms. cable of per
all be recorded) etc complete
f engineer in charge.
= 762.00 mtr.
Rs 24064.00

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 192657

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
8)	Providing two layer dressing to granite stone slab / granite stone masonary etc. complete as per specifications and directions of engineer in charge of the work covering slab						
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	25.10		0.90 =	22.59 Sqm	
		1	7.00		0.90 =	6.30 Sqm	
					Total =	136.89 Sqm	
		Qty limited to Tender =				136.80 Sqm.	

MEASUREMENT BOOK

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@ Rs 829.50				Rs 113476.00	
3)	Lead for Disposal of Debris Shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per specifications and direction of engineer.						
	Qty vide Jkm no-1					= 129.96 Cum	
		@ Rs 7170				Rs 9318.00	
)	Add L.S. for third Party Inspection charges					Rs 9648.00	
						Total Rs 974492.00	
	(Rupees Nine Lakhs Seventy four thousand four hundred ninety two only)					Zadhav AE 28/2/2015	

964840=00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M.A.R. 57 (Ru

Measurement

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimen Number 3	Length 4
	Certificate:-		
	certified that the above e		
	and no materials is issu		
	Zadhav AE 28/2/2015		